

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

M#
4-2
2-3
1644
Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

1 (1) General Information:

2
3 (i) APPLICANT: Beach, David H.
4 Demetrick, Douglas J.
5 Serrano, Manuel
6 Hannon, Gregory J.

7
8 (ii) TITLE OF INVENTION: Antibodies to Cell-Cycle Regulatory Proteins, and Uses
9 Related Thereto

10
11 (iii) NUMBER OF SEQUENCES: 34

12
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Foley, Hoag & Eliot
15 (B) STREET: One Post Office Square
16 (C) CITY: Boston
17 (D) STATE: MA
18 (E) COUNTRY: USA
19 (F) ZIP: 02109

20
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: WordPad

26
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: US 09/016,869
29 (B) FILING DATE: 30-JAN-1998

30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: US 08/893,274
33 (B) FILING DATE: 15-JUL-1994

34
35 (viii) PRIOR APPLICATION DATA:
36 (A) APPLICATION NUMBER: US 08/306,511
37 (B) FILING DATE: 14-SEP-1994

38
39 (viii) PRIOR APPLICATION DATA:
40 (A) APPLICATION NUMBER: US 08/248,812
41 (B) FILING DATE: 25-MAY-1994

42
43
44
45

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/016,869DATE: 04/16/2000
TIME: 03:30:45

INPUT SET: S35309.raw

46 (vii) PRIOR APPLICATION DATA:
 47 (A) APPLICATION NUMBER: US 08/227,371
 48 (B) FILING DATE: 14-APR-1994
 49
 50 (vii) PRIOR APPLICATION DATA:
 51 (A) APPLICATION NUMBER: US 08/154,915
 52 (B) FILING DATE: 18-NOV-1993
 53
 54 (vii) PRIOR APPLICATION DATA:
 55 (A) APPLICATION NUMBER: US 07/991,997
 56 (B) FILING DATE: 17-DEC-1992
 57
 58 (viii) ATTORNEY/AGENT INFORMATION:
 59 (A) NAME: Vincent, Matthew P.
 60 (B) REGISTRATION NUMBER: 36,709
 61 (C) REFERENCE/DOCKET NUMBER: MIV-071.10
 62
 63 (ix) TELECOMMUNICATION INFORMATION:
 64 (A) TELEPHONE: (617) 832-1299
 65 (B) TELEFAX: (617) 832-7000
 66
 67

ERRORED SEQUENCES FOLLOW:

1071 (2) INFORMATION FOR SEQ ID NO:28:
 1072
 1073 (i) SEQUENCE CHARACTERISTICS:
 1074 (A) LENGTH: 434 base pairs
 1075 (B) TYPE: nucleic acid
 1076 (C) STRANDEDNESS: single
 1077 (D) TOPOLOGY: linear
 1078
 1079 (ii) MOLECULE TYPE: cDNA
 1080
 1081
 1082
 --> 1083 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:
 1084
 1085 CCCCCATCGGG CCTTGGGANT GTGAGCCNACC ATTGAGACTC ATNAATATAG CACTCGTTT 60
 1086
 1087 TCTTCTTGCA ACCCTGCCCC CGCGCGGGTC GCGCTNTCTC TGCCCTCCCG NGGGTGGACC 120
 1088
 1089 TGAGCGGAGC GCTTGAGCGG TCGGTGGCGG CNCTGGANC AGCCAGGGGG GCAGTGGACT 180
 1090
 1091 ACCTNCTGGA CCAGGGACCT GTGGGAGAGC GGTGNCCGGG GGTACATGCA CGTGAAGCCA 240
 1092
 1093 TTGCGAGAAC TTTATTCATA AGTATTCTAA TGCCGGTAGG GACGGCAAGA GAGGGAGGGCG 300
 1094
 1095 GGATGTNCCA CACATCTTTG ACCTCAGGTT TCTAACGCCCT GTTTCTTTC TGCCCTCTGC 360

Is this supposed to be 28?
 If so, Sequence 29 is
 missing. Most, part of
 sequence 28

(All next page)

RECEIVED
APR 24 2000
TECH CENTER 1600/2900

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/016,869DATE: 04/16/2000
TIME: 03:30:45

INPUT SET: S35309.raw

1096
1097 AGACATCCCC GATTGAAAGA ACCAGAGAGG CTCTGAGAAA CCTCCGGAAA CTTAGNTCAT 420
1098
1099 CANTCGCCGN AAAA 434
1100
1101

--> 1102 (2) INFORMATION FOR SEQ ID NO:30:

1103
1104 (i) SEQUENCE CHARACTERISTICS:
1105 (A) LENGTH: 502 base pairs
1106 (B) TYPE: nucleic acid
1107 (C) STRANDEDNESS: single
1108 (D) TOPOLOGY: linear
1109
1110 (ii) MOLECULE TYPE: cDNA
1111
1112
1113
1114 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:
1115
1116 AGAAATTAGA TCATCAGTCA CGCATCCTCC TACAGGGNCA CAACTGNCC CGCCACAAACC 60
1117
1118 CACCCCGNTT TCGTAGTTTT CATTAGAAA ATAGAGCTTT TAAAAATGTC CTGCCTTTTA 120
1119
1120 ACGTAGATAT ATGCCTTCCC CCACTACCGN AAATGTCCAT TTATATCATN TTTTATATAT 180
1121
1122 TCTTATAAAA ATGTAAAAAA GAAAAACACC GCTTCTGCTT TTTCAGTGTG TTGGAGTTTT 240
1123
1124 CTGGAGTGAG CACTCACGCC CTAAGCGCAC ATTCACTGTGG GCATTTCTTG CGAGCCTCGC 300
1125
1126 AGNCTCCGGA AGCTGTGCGAC CTCGAGGGGG GGNCCGGTAC CCAATTGCC CTATAGTGAG 360
1127
1128 TCGTATTACA ATTCACTGGN CGNCGNNTTT ACAACGTGG TGGAATGGGA AAACCCGGN 420
1129
1130 GTTACCCAAC TTTAATCGNC TTGGAGGACA TCCCCCTTTT CGCCAGNTGG GGTTATAGNG 480
1131
1132 AAGAGGGCCN CACNNNTCGC CC 502
1133
1134

This sequence directly follows above-nestored sequence.

1236 (2) INFORMATION FOR SEQ ID NO:34:

1237
1238 (i) SEQUENCE CHARACTERISTICS:
1239 (A) LENGTH: 88 amino acids
1240 (B) TYPE: amino acid
1241 (C) STRANDEDNESS:
1242 (D) TOPOLOGY: linear
1243
1244 (ii) MOLECULE TYPE: peptide
1245
1246
1247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:

OK

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/016,869DATE: 04/16/2000
TIME: 03:30:45**INPUT SET: S35309.raw**

1248
1249
1250
1251 Ile Gln Val Met Met Gly Ser Ala Arg Val Ala Glu Leu Leu Leu
1252 1 5 10 15
1253
1254 His Gly Ala Glu Pro Asn Cys Ala Asp Pro Ala Thr Leu Thr Arg Pro Val
1255 20 25 30
1256
1257 His Asp Ala Ala Arg Glu Gly Phe Leu Asp Thr Leu Val Val Leu His Arg
1258 35 40 45 50
1259
1260 Ala Gly Ala Arg Leu Asp Val Arg Asp Ala Trp Gly Arg Leu Pro Val Asp
1261 55 60 65
1262
1263 Leu Ala Glu Glu Arg Gly His Arg Asp Val Ala Gly Tyr Leu Arg Thr Ala
1264 70 75 80 85
1265
1266 Ala Gly Asp

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/016,869DATE: 04/16/2000
TIME: 03:30:45*INPUT SET: S35309.raw*

Line	Error	Original Text
13	Number of Sequences (34) Doesn't Equal Actual Count (33)	(iii) NUMBER OF SEQUENCES: 34
1083	Wrong Sequence Number	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:
1102	Sequence 29 missing	(2) INFORMATION FOR SEQ ID NO:30: